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Search Results - Record(s) 1 through 65 of 65 returned.

☐ 1. Document ID: US 20070225591 A1

L34: Entry 1 of 65

File: PGPB

Sep 27, 2007

PGPUB-DOCUMENT-NUMBER: 20070225591

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070225591 A1

TITLE: SPECTRALLY SELECTIVE SUPPRESSION WITH STEADY-STATE FREE PRECESSION

PUBLICATION-DATE: September 27, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Derbyshire; John Andrew	Silver Spring	MD	US
Herzka; Daniel Alfredo	Rockville	MD	US
McVeigh; Elliot R.	Phoenix	AZ	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 2. Document ID: US 20070205767 A1

L34: Entry 2 of 65

File: PGPB

Sep 6, 2007

PGPUB-DOCUMENT-NUMBER: 20070205767

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070205767 A1

TITLE: ATOMIC MAGNETIC GRADIOMETER FOR ROOM TEMPERATURE HIGH SENSITIVITY
MAGNETIC FIELD DETECTION

PUBLICATION-DATE: September 6, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Xu; Shoujun	Berkeley	CA	US
Lowery; Thomas L.	Belmont	MA	US
Budker; Dmitry	El Cerrito	CA	US
Yashchuk; Valeriy V.	Richmond	CA	US
Wemmer; David E.	Berkeley	CA	US
Pines; Alexander	Berkeley	CA	US

US-CL-CURRENT: 324/304; 324/301, 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 3. Document ID: US 20070007959 A1

L34: Entry 3 of 65

File: PGPB

Jan 11, 2007

PGPUB-DOCUMENT-NUMBER: 20070007959

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070007959 A1

TITLE: Simultaneous phase cycling for nuclear magnetic resonance
spectroscopy

PUBLICATION-DATE: January 11, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Szyperski; Thomas A.	Amherst	NY	US

Parish; David M.

Buffalo

NY

US

US-CL-CURRENT: 324/307; 324/309, 324/310

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 4. Document ID: US 20050065431 A1

L34: Entry 4 of 65

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050065431

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050065431 A1

TITLE: Magnetic resonance imaging method and apparatus for body composition analysis

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Reiderman, Arcady	Houston	TX	US
Taicher, Gersh Z.	Houston	TX	US
Krugliak, Zinovy	Houston	TX	US

US-CL-CURRENT: 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 5. Document ID: US 20040008027 A1

L34: Entry 5 of 65

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040008027

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040008027 A1

TITLE: Method and apparatus for detecting diffusion sensitive phases
with estimation of residual error in NMR logs

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Prammer, Manfred	Downingtown	PA	US

US-CL-CURRENT: 324/303; 702/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 6. Document ID: US 20030214286 A1

L34: Entry 6 of 65

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030214286

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030214286 A1

TITLE: Method for the inversion of CPMG measurements enhanced by often
repeated short wait time measurements

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Heidler, Ralf	Richmond	TX	US

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 7. Document ID: US 20030085702 A1

L34: Entry 7 of 65

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030085702
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030085702 A1

TITLE: NUCLEAR MAGNETIC RESONANCE LOGGING BASED ON STEADY-STATE FREE
PRECESSION

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Freed, Denise	Mount Kisco	NY	US
Hurlimann, Martin D.	Ridgefield	CT	US
Scheven, Ulrich	Bethel	CT	US

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 8. Document ID: US 20020167317 A1

L34: Entry 8 of 65

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020167317
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020167317 A1

TITLE: Driven equilibrium and fast-spin echo scanning

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shenoy, Rajendra K.	Dixhills	NY	US
Damadian, Jevan	East Northport	NY	US

US-CL-CURRENT: 324/307; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 9. Document ID: US 20010056231 A1

L34: Entry 9 of 65

File: PGPB

Dec 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010056231

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010056231 A1

TITLE: High resolution MRI imaging of brain functions

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jesmanowicz, Andrzej	Wauwatosa	WI	US
Hyde, James S.	Dousman	WI	US
Biswal, Bharat B.	Milwaukee	WI	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 10. Document ID: US 7343192 B2

L34: Entry 10 of 65

File: USPT

Mar 11, 2008

US-PAT-NO: 7343192

DOCUMENT-IDENTIFIER: US 7343192 B2

TITLE: Magnetic resonance imaging method and apparatus for body composition analysis

DATE-ISSUED: March 11, 2008

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050065431 A1

March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reiderman; Arcady	Houston	TX		US
Taicher; Gersh Z.	Houston	TX		US
Krugliak; Zinovy	Houston	TX		US

US-CL-CURRENT: 600/410; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 11. Document ID: US 7298146 B1

L34: Entry 11 of 65

File: USPT

Nov 20, 2007

US-PAT-NO: 7298146

DOCUMENT-IDENTIFIER: US 7298146 B1

TITLE: Method and apparatus of manual pre-scan spatial and spectral data acquisition

DATE-ISSUED: November 20, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maier; Joseph K.	Milwaukee	WI		US

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 12. Document ID: US 7253620 B1

L34: Entry 12 of 65

File: USPT

Aug 7, 2007

US-PAT-NO: 7253620

DOCUMENT-IDENTIFIER: US 7253620 B1

TITLE: Spectrally selective suppression with steady-state free precession

DATE-ISSUED: August 7, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Derbyshire; John Andrew	Silver Spring	MD		US
Herzka; Daniel Alfredo	Rockville	MD		US
McVeigh; Elliot R.	Phoenix	MD		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 13. Document ID: US 7119540 B1

L34: Entry 13 of 65

File: USPT

Oct 10, 2006

US-PAT-NO: 7119540

DOCUMENT-IDENTIFIER: US 7119540 B1

TITLE: Driven equilibrium and fast-spin echo scanning

DATE-ISSUED: October 10, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shenoy; Rajendra K.	Dixhills	NY		US
Damadian; Jevan	East Northport	NY		US

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 14. Document ID: US 7064547 B1

L34: Entry 14 of 65

File: USPT

Jun 20, 2006

US-PAT-NO: 7064547

DOCUMENT-IDENTIFIER: US 7064547 B1

**** See image for Certificate of Correction ****

TITLE: Method and apparatus of M/r imaging with coil calibration data acquisition

DATE-ISSUED: June 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
King; Kevin F.	New Berlin	WI		US
Angelos; Elisabeth	Hartland	WI		US
Polzin; Jason A.	Lake Mills	WI		US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 15. Document ID: US 6956371 B2

L34: Entry 15 of 65

File: USPT

Oct 18, 2005

US-PAT-NO: 6956371

DOCUMENT-IDENTIFIER: US 6956371 B2

TITLE: Method and apparatus for detecting diffusion sensitive phases
with estimation of residual error in NMR logs

DATE-ISSUED: October 18, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Prammer; Manfred	Downingtown	PA		
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US-CL-CURRENT: 324/303; 324/300

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 16. Document ID: US 6847209 B2

L34: Entry 16 of 65

File: USPT

Jan 25, 2005

US-PAT-NO: 6847209

DOCUMENT-IDENTIFIER: US 6847209 B2

**** See image for Certificate of Correction ****

TITLE: Driven equilibrium and fast-spin echo scanning

DATE-ISSUED: January 25, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shenoy; Rajendra K.	Dixhills	NY		
Damadian; Jevan	East Northport	NY		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 17. Document ID: US 6781375 B2

L34: Entry 17 of 65

File: USPT

Aug 24, 2004

US-PAT-NO: 6781375

DOCUMENT-IDENTIFIER: US 6781375 B2

TITLE: Magnetic resonance imaging using preparation scan for optimizing pulse sequence

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyazaki; Mitsue	Otawara			JP
Takai; Hiroshi	Nasu-Gun			JP

US-CL-CURRENT: 324/314; 324/306

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 18. Document ID: US 6714009 B2

L34: Entry 18 of 65

File: USPT

Mar 30, 2004

US-PAT-NO: 6714009

DOCUMENT-IDENTIFIER: US 6714009 B2

TITLE: Method for the inversion of CPMG measurements enhanced by often repeated short wait time measurements

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Heidler; Ralf	Richmond	TX		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 19. Document ID: US 6704594 B1

L34: Entry 19 of 65

File: USPT

Mar 9, 2004

US-PAT-NO: 6704594

DOCUMENT-IDENTIFIER: US 6704594 B1

TITLE: Magnetic resonance imaging device

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blank; Aharon	Kiriat Ono			IL
Alexandrowicz; Gil	Jerusalem			IL
Golan; Erez	Tel Aviv			IL

US-CL-CURRENT: 600/423; 128/899, 324/318, 324/322, 600/407, 600/409,
600/410, 600/421

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 20. Document ID: US 6624630 B1

L34: Entry 20 of 65

File: USPT

Sep 23, 2003

US-PAT-NO: 6624630

DOCUMENT-IDENTIFIER: US 6624630 B1

TITLE: Sliding frequency steady-state precession imaging

DATE-ISSUED: September 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Foxall; David L.	Mentor	OH		
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US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 21. Document ID: US 6580272 B2

L34: Entry 21 of 65

File: USPT

Jun 17, 2003

US-PAT-NO: 6580272

DOCUMENT-IDENTIFIER: US 6580272 B2

TITLE: Nuclear magnetic resonance logging based on steady-state free precession

DATE-ISSUED: June 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Freed; Denise	Mount Kisco	NY		
Hurlimann; Martin D.	Ridgefield	CT		
Scheven; Ulrich	Bethel	CT		

US-CL-CURRENT: 324/303; 324/300

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 22. Document ID: US 6472872 B1

L34: Entry 22 of 65

File: USPT

Oct 29, 2002

US-PAT-NO: 6472872

DOCUMENT-IDENTIFIER: US 6472872 B1

TITLE: Real-time shimming of polarizing field in magnetic resonance
system

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jack, Jr.; Clifford R.	Rochester	MN		
Ward; Heidi A.	Rochester	MN		
Riederer; Stephen J.	Rochester	MN		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 23. Document ID: US 6307368 B1

L34: Entry 23 of 65

File: USPT

Oct 23, 2001

US-PAT-NO: 6307368

DOCUMENT-IDENTIFIER: US 6307368 B1

**** See image for Certificate of Correction ****TITLE: Linear combination steady-state free precession MRI

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vasanawala; Shreyas S.	Mountain View	CA		
Pauly; John M.	Redwood City	CA		
Nishimura; Dwight G.	Palo Alto	CA		

US-CL-CURRENT: 324/309; 324/300, 324/307, 324/311

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 24. Document ID: US 6275040 B1

L34: Entry 24 of 65

File: USPT

Aug 14, 2001

US-PAT-NO: 6275040

DOCUMENT-IDENTIFIER: US 6275040 B1

TITLE: Designing spectral-spatial pulses

DATE-ISSUED: August 14, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zur; Yuval	34752, Haifa			IL

US-CL-CURRENT: 324/320

Full	Title	Citation	Front	Review	Classification	Date
Reference			Claims	KMC	Draw Desc	Image

☐ 25. Document ID: US 5938599 A

L34: Entry 25 of 65

File: USPT

Aug 17, 1999

US-PAT-NO: 5938599

DOCUMENT-IDENTIFIER: US 5938599 A

TITLE: MR method and arrangement for carrying out the method

DATE-ISSUED: August 17, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rasche; Volker	Hamburg			DE
Bornert; Peter	Hamburg			DE
Ludeke; Kai-Michael	Hamburg			DE
Kuhn; Michael	Hamburg			DE

US-CL-CURRENT: 600/410; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference			Claims	KMC	Draw Desc	Image

☐ 26. Document ID: US 5883514 A

L34: Entry 26 of 65

File: USPT

Mar 16, 1999

US-PAT-NO: 5883514

DOCUMENT-IDENTIFIER: US 5883514 A

TITLE: MR imaging apparatus

DATE-ISSUED: March 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishikawa; Akihiro	Kyoto			JP

US-CL-CURRENT: 126/25R; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 27. Document ID: US 5818229 A

L34: Entry 27 of 65

File: USPT

Oct 6, 1998

US-PAT-NO: 5818229

DOCUMENT-IDENTIFIER: US 5818229 A

**** See image for Certificate of Correction ****

TITLE: Correction of MR imaging pulse sequence using prescan having application phase adjusted RF refocusing pulses

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kanazawa; Hitoshi	Utsunomiya			JP

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 28. Document ID: US 5680043 A

L34: Entry 28 of 65

File: USPT

Oct 21, 1997

US-PAT-NO: 5680043

DOCUMENT-IDENTIFIER: US 5680043 A

TITLE: Nuclear magnetic resonance technique for determining gas effect
with borehole logging tools

DATE-ISSUED: October 21, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hurlimann; Martin D.	Ridgefield	CT		
Kleinberg; Robert L.	Ridgefield	CT		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 29. Document ID: US 5647362 A

L34: Entry 29 of 65

File: USPT

Jul 15, 1997

US-PAT-NO: 5647362

DOCUMENT-IDENTIFIER: US 5647362 A

TITLE: Correction of read-gradient polarity in EPI and grase MRI

DATE-ISSUED: July 15, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fuderer; Miha	Eindhoven			NL
Groen; Johannes P.	Eindhoven			NL

US-CL-CURRENT: 600/410; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 30. Document ID: US 5548215 A

L34: Entry 30 of 65

File: USPT

Aug 20, 1996

US-PAT-NO: 5548215

DOCUMENT-IDENTIFIER: US 5548215 A

TITLE: MR imaging apparatus

DATE-ISSUED: August 20, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohno; Satoru	Kyoto			JP
Iijima; Naoto	Kyoto			JP
Ishikawa; Akihiro	Kyoto			JP

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 31. Document ID: US 5532595 A

L34: Entry 31 of 65

File: USPT

Jul 2, 1996

US-PAT-NO: 5532595

DOCUMENT-IDENTIFIER: US 5532595 A

TITLE: Three-dimensional spiral echo volume imaging

DATE-ISSUED: July 2, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
------	------	-------	----------	---------

Lampman; David A. Eastlake OH
Liu; Haiying Euclid OH

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 32. Document ID: US 5521505 A

L34: Entry 32 of 65

File: USPT

May 28, 1996

US-PAT-NO: 5521505

DOCUMENT-IDENTIFIER: US 5521505 A

TITLE: MR imaging apparatus

DATE-ISSUED: May 28, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohno; Satoru	Kyoto			JP

US-CL-CURRENT: 324/309; 600/410, 600/419

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 33. Document ID: US 5455512 A

L34: Entry 33 of 65

File: USPT

Oct 3, 1995

US-PAT-NO: 5455512

DOCUMENT-IDENTIFIER: US 5455512 A

TITLE: Eddy current compensation in magnetic resonance imaging

DATE-ISSUED: October 3, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Groen; Johannes P.	Eindhoven			NL
Van Der Meulen; Peter	Eindhoven			NL
Van Yperen; Gerrit H.	Eindhoven			NL
Mehlkopf; Antoon F.	Eindhoven			NL

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 34. Document ID: US 5450010 A

L34: Entry 34 of 65

File: USPT

Sep 12, 1995

US-PAT-NO: 5450010

DOCUMENT-IDENTIFIER: US 5450010 A

TITLE: Magnetic resonance imaging method and apparatus employing eddy current compensation by modification of gradient size

DATE-ISSUED: September 12, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Der Meulen; Peter	Eindhoven			NL
Van Yperen; Gerrit H.	Eindhoven			NL

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 35. Document ID: US 5412321 A

L34: Entry 35 of 65

File: USPT

May 2, 1995

US-PAT-NO: 5412321

DOCUMENT-IDENTIFIER: US 5412321 A

TITLE: Magnetic resonance imaging method and apparatus

DATE-ISSUED: May 2, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohnno; Satoru	Kyoto			JP
Iijima; Naoto	Kyoto			JP

US-CL-CURRENT: 324/309; 324/300

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 36. Document ID: US 5410249 A

L34: Entry 36 of 65

File: USPT

Apr 25, 1995

US-PAT-NO: 5410249

DOCUMENT-IDENTIFIER: US 5410249 A

TITLE: Method and apparatus for magnetic resonance imaging

DATE-ISSUED: April 25, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Yperen; Gerrit H.	Eindhoven			NL
Van Der Meulen; Peter	Eindhoven			NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 37. Document ID: US 5402787 A

L34: Entry 37 of 65

File: USPT

Apr 4, 1995

US-PAT-NO: 5402787

DOCUMENT-IDENTIFIER: US 5402787 A

TITLE: Method and apparatus for magnetic resonance imaging

DATE-ISSUED: April 4, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Yperen; Gerrit H.	Eindhoven			NL

US-CL-CURRENT: 600/410; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 38. Document ID: US 5304931 A

L34: Entry 38 of 65

File: USPT

Apr 19, 1994

US-PAT-NO: 5304931

DOCUMENT-IDENTIFIER: US 5304931 A

TITLE: Magnetic resonance imaging techniques

DATE-ISSUED: April 19, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Flamig; Duane P.	Richardson	TX	75082	
Harms; Steven E.	Dallas	TX	75205	

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 39. Document ID: US 5258711 A

L34: Entry 39 of 65

File: USPT

Nov 2, 1993

US-PAT-NO: 5258711

DOCUMENT-IDENTIFIER: US 5258711 A

TITLE: NMR selective excitation of bent slices

DATE-ISSUED: November 2, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hardy; Christopher J.	Schenectady	NY		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 40. Document ID: US 5204625 A

L34: Entry 40 of 65

File: USPT

Apr 20, 1993

US-PAT-NO: 5204625

DOCUMENT-IDENTIFIER: US 5204625 A

TITLE: Segmentation of stationary and vascular surfaces in magnetic resonance imaging

DATE-ISSUED: April 20, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cline; Harvey E.	Schenectady	NY		
Souza; Steven P.	Williamstown	MA		
Lorensen; William E.	Johnsville	NY		
Kennedy; Thomas E.	Whitefish Bay	WI		

US-CL-CURRENT: 324/306; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 41. Document ID: US 5201311 A

L34: Entry 41 of 65

File: USPT

Apr 13, 1993

US-PAT-NO: 5201311

DOCUMENT-IDENTIFIER: US 5201311 A

TITLE: Spatially-localized chemical-reaction-rate NMR spectroscopic imaging

DATE-ISSUED: April 13, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bottomley; Paul A.	Clifton Park	NY		
Hardy; Christopher J.	Schenectady	NY		

US-CL-CURRENT: 600/422; 324/307, 324/309, 600/558

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 42. Document ID: US 5162730 A

L34: Entry 42 of 65

File: USPT

Nov 10, 1992

US-PAT-NO: 5162730

DOCUMENT-IDENTIFIER: US 5162730 A

TITLE: Method for operating a magnetic resonant imaging tomography apparatus

DATE-ISSUED: November 10, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schmitt; Franz	Baiersdorf			DE
Fischer; Hubertus	Bamberg			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 43. Document ID: US 5093620 A

L34: Entry 43 of 65

File: USPT

Mar 3, 1992

US-PAT-NO: 5093620

DOCUMENT-IDENTIFIER: US 5093620 A

**** See image for Certificate of Correction ****

TITLE: Encoding for NMR phase contrast flow measurement

DATE-ISSUED: March 3, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pelc; Norbert J.	Los Altos	CA		
Glover; Gary H.	Menlo Park	CA		

US-CL-CURRENT: 324/306; 324/300

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 44. Document ID: US 5055790 A

L34: Entry 44 of 65

File: USPT

Oct 8, 1991

US-PAT-NO: 5055790

DOCUMENT-IDENTIFIER: US 5055790 A

TITLE: SSFP imaging technique with improved T1 contrast

DATE-ISSUED: October 8, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Siuciak; Alan M.	Willoughby	OH		
Chatterjee; Chandralekha	Richmond Heights	OH		
Palmer; Neil D.	Euclid	OH		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 45. Document ID: US 5019784 A

L34: Entry 45 of 65

File: USPT

May 28, 1991

US-PAT-NO: 5019784

DOCUMENT-IDENTIFIER: US 5019784 A

**** See image for Certificate of Correction ****

TITLE: Time symmetric pulse to uniformly rotate magnetization vectors by an arbitrary angle in the presence of large B1 inhomogeneities and resonance offsets

DATE-ISSUED: May 28, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Garwood; Michael	Shorewood	MN		
Ugurbil; Kamil	Maple Plain	MN		

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 46. Document ID: US 4859946 A

L34: Entry 46 of 65

File: USPT

Aug 22, 1989

US-PAT-NO: 4859946

DOCUMENT-IDENTIFIER: US 4859946 A

TITLE: Magnetic resonance imaging system

DATE-ISSUED: August 22, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuhara; Shigehide	Yokohama			JP

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 47. Document ID: US 4766381 A

L34: Entry 47 of 65

File: USPT

Aug 23, 1988

US-PAT-NO: 4766381

DOCUMENT-IDENTIFIER: US 4766381 A

**** See image for Certificate of Correction ****

TITLE: Driven inversion spin echo magnetic resonance imaging

DATE-ISSUED: August 23, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Conturo; Thomas E.	Nashville	TN		
Kessler; Robert M.	Nashville	TN		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 48. Document ID: US 4748409 A

L34: Entry 48 of 65

File: USPT

May 31, 1988

US-PAT-NO: 4748409

DOCUMENT-IDENTIFIER: US 4748409 A

**** See image for Certificate of Correction ****

TITLE: Imaging magnetic spin resonance method and apparatus

DATE-ISSUED: May 31, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frahm; Jens	Goettingen			DE
Haase; Axel	Goettingen			DE
Haenicke; Wolfgang	Goettingen			DE
Merboldt; Klaus-Dietmar	Goettingen			DE
Matthaei; Dieter	Goettingen			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 49. Document ID: US 4703267 A

L34: Entry 49 of 65

File: USPT

Oct 27, 1987

US-PAT-NO: 4703267

DOCUMENT-IDENTIFIER: US 4703267 A

TITLE: High dynamic range in NMR data acquisition

DATE-ISSUED: October 27, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maudsley; Andrew A.	New York	NY		

US-CL-CURRENT: 324/307; 324/309, 324/314

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 50. Document ID: US 4683433 A

L34: Entry 50 of 65

File: USPT

Jul 28, 1987

US-PAT-NO: 4683433

DOCUMENT-IDENTIFIER: US 4683433 A

TITLE: Imaging method and apparatus using nuclear magnetic resonance

DATE-ISSUED: July 28, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamamoto; Etsuji	Hachioji			JP
Kohno; Hideki	Suginami			JP
Kuroda; Masao	Nakano			JP
Matsui; Shigeru	Koganei			JP
Shiono; Hidemi	Akigawa			JP

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KIMC	Draw Desc Image

☐ 51. Document ID: US 4654594 A

L34: Entry 51 of 65

File: USPT

Mar 31, 1987

US-PAT-NO: 4654594

DOCUMENT-IDENTIFIER: US 4654594 A

TITLE: Method of analysing the structure and characteristics of an object

DATE-ISSUED: March 31, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sepponen; Raimo	Helsinki			FI

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 52. Document ID: US 4647858 A

L34: Entry 52 of 65

File: USPT

Mar 3, 1987

US-PAT-NO: 4647858

DOCUMENT-IDENTIFIER: US 4647858 A

TITLE: Methods for overcoming transient magnetic field inhomogeneity in nuclear magnetic resonance imaging

DATE-ISSUED: March 3, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bottomley; Paul A.	Clifton Park	NY		

US-CL-CURRENT: 324/320; 324/322, 505/844

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 53. Document ID: US 4629988 A

L34: Entry 53 of 65

File: USPT

Dec 16, 1986

US-PAT-NO: 4629988

DOCUMENT-IDENTIFIER: US 4629988 A

TITLE: Method of imaging by depth-resolved surface coil spectroscopy

DATE-ISSUED: December 16, 1986

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Bottomley; Paul A. Clifton Park NY

US-CL-CURRENT: 324/309; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 54. Document ID: US 4628264 A

L34: Entry 54 of 65

File: USPT

Dec 9, 1986

US-PAT-NO: 4628264

DOCUMENT-IDENTIFIER: US 4628264 A

TITLE: NMR gradient field modulation

DATE-ISSUED: December 9, 1986

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rzedzian; Richard R. Lexington MA

US-CL-CURRENT: 324/322; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 55. Document ID: US 4506223 A

L34: Entry 55 of 65

File: USPT

Mar 19, 1985

US-PAT-NO: 4506223

DOCUMENT-IDENTIFIER: US 4506223 A

TITLE: Method for performing two-dimensional and three-dimensional

chemical shift imaging

DATE-ISSUED: March 19, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bottomley; Paul A.	Clifton Park	NY		
Edelstein; William A.	Schenectady	NY		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 56. Document ID: US 4475084 A

L34: Entry 56 of 65

File: USPT

Oct 2, 1984

US-PAT-NO: 4475084

DOCUMENT-IDENTIFIER: US 4475084 A

TITLE: Nuclear magnetic resonance detector

DATE-ISSUED: October 2, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moore; William S.	Mapperley Park			GB2
Hawkes; Robert C.	Bramcote			GB2
Holland; Geoffrey N.	Chagrin Falls	OH		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

❑ 57. Document ID: US 4315216 A

L34: Entry 57 of 65

File: USPT

Feb 9, 1982

US-PAT-NO: 4315216

DOCUMENT-IDENTIFIER: US 4315216 A

TITLE: Imaging systems

DATE-ISSUED: February 9, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Clow; Hugh	Reading			GB2
Walters; Peter E.	Southall			GB2

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

❑ 58. Document ID: US 4300096 A

L34: Entry 58 of 65

File: USPT

Nov 10, 1981

US-PAT-NO: 4300096

DOCUMENT-IDENTIFIER: US 4300096 A

TITLE: Imaging systems

DATE-ISSUED: November 10, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harrison; Colin G.	High Wycombe			GB2
Young; Ian R.	Sunbury on Thames			GB2

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 59. Document ID: US 4284948 A

L34: Entry 59 of 65

File: USPT

Aug 18, 1981

US-PAT-NO: 4284948

DOCUMENT-IDENTIFIER: US 4284948 A

TITLE: Imaging systems

DATE-ISSUED: August 18, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Young; Ian R.	Sunbury on Thames			GB2

US-CL-CURRENT: 324/309; 324/313

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 60. Document ID: US 4254778 A

L34: Entry 60 of 65

File: USPT

Mar 10, 1981

US-PAT-NO: 4254778

DOCUMENT-IDENTIFIER: US 4254778 A

TITLE: Imaging systems

DATE-ISSUED: March 10, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Clow; Hugh	Maidenhead			GB2
Walters; Peter E.	Southall			GB2
Percival; William S.	West Ealing			GB2

US-CL-CURRENT: 600/410; 324/309, 324/314

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 61. Document ID: US 3588678 A

L34: Entry 61 of 65

File: USOC

Jun 28, 1971

US-PAT-NO: 3588678

DOCUMENT-IDENTIFIER: US 3588678 A

TITLE: SPECTROMETERS USING AN R.F. NOISE GENERATOR EMPLOYING A CARRIER
MODULATED BY A BINARY RANDOM SEQUENCE

DATE-ISSUED: June 28, 1971

INVENTOR-NAME: ERNST RICHARD R

US-CL-CURRENT: 324/310; 250/290

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 62. Document ID: US 3530374 A

L34: Entry 62 of 65

File: USOC

Sep 22, 1970

US-PAT-NO: 3530374

DOCUMENT-IDENTIFIER: US 3530374 A

TITLE: PULSED NUCLEAR MAGNETIC RESONANCE OF SOLIDS

DATE-ISSUED: September 22, 1970

INVENTOR-NAME: WAUGH JOHN S; HAEBERLEN ULRICH H

US-CL-CURRENT: 324/311

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 63. Document ID: US 3530373 A

L34: Entry 63 of 65

File: USOC

Sep 22, 1970

US-PAT-NO: 3530373

DOCUMENT-IDENTIFIER: US 3530373 A

TITLE: METHODS AND APPARATUS FOR PULSED NUCLEAR MAGNETIC RESONANCE OF SOLIDS

DATE-ISSUED: September 22, 1970

INVENTOR-NAME: WAUGH JOHN S

US-CL-CURRENT: 324/311

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 64. Document ID: US 3346813 A

L34: Entry 64 of 65

File: USOC

Oct 10, 1967

US-PAT-NO: 3346813

DOCUMENT-IDENTIFIER: US 3346813 A

TITLE: Converter using spin resonant material

DATE-ISSUED: October 10, 1967

INVENTOR-NAME: ANDERSON HAROLD C; SHANHOLTZER ALFRED E

US-CL-CURRENT: 455/325, 324/307, 332/120, 332/173, 332/175, 333/141,

455/323

Full	Title	Citation	Front	Review	Classification	Date
Reference			Claims	KMC	Draw Desc	Image

☐ 65. Document ID: US 3039045 A

L34: Entry 65 of 65

File: USOC

Jun 12, 1962

US-PAT-NO: 3039045

DOCUMENT-IDENTIFIER: US 3039045 A

TITLE: Magnetic field stabilizing and measuring apparatus

DATE-ISSUED: June 12, 1962

INVENTOR-NAME: BELL WILLIAM E

US-CL-CURRENT: 324/319; 324/310

Full	Title	Citation	Front	Review	Classification	Date
Reference			Claims	KMC	Draw Desc	Image

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Term	Documents
(33 AND 26).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	65
(L33 AND L26).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	65

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